



Sheet 1 of 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. 1228/US/2	APPLN. NO. 10/723,366
	APPLICANT: Paul J. CORNAY et al.	
	FILING DATE November 26, 2003	GROUP 1723

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CC	1.	680,270	08/13/1901	Ohlsson			
	2.	717,385	12/30/1902	Gathmann			
	3.	778,355	12/27/1904	Freas			
	4.	785,910	03/28/1905	Nilsson			
	5.	949,226	02/15/1910	Goodman			
	6.	949,227	02/15/1910	Goodman			
	7.	1,097,561	05/19/1914	Resines			
	8.	1,124,907	01/12/1915	Jahn			
	9.	1,190,829	07/11/1916	Wendell			
	10.	1,239,734	09/11/1917	Sloan et al.			
	11.	1,510,657	10/07/1924	Coleman			
	12.	1,564,665	12/08/1925	Gates			
	13.	1,742,096	12/31/1929	Perrier			
	14.	1,783,546	12/02/1930	Petsche et al.			
	15.	1,854,313	04/19/1932	Petsche et al.			
	16.	2,185,279	01/02/1940	Strenzynski			
	17.	2,450,737	10/05/1948	Rundquist			
	18.	3,150,944	09/19/1964	Nerad			
	19.	3,623,656	11/30/1971	Lavanchy			
	20.	3,685,721	08/22/1972	Kohama			
	21.	3,837,491	09/24/1974	Huminston et al.			
	22.	4,073,431	02/14/1978	Jager			
	23.	4,108,763	08/22/1978	Clough			
	24.	4,369,115	01/18/1983	Bauer			
	25.	4,500,324	02/19/1985	Vuong			
	26.	4,617,010	10/14/1986	Epper et al.			
	27.	4,618,478	10/21/1986	McKinney			
	28.	4,648,863	03/10/1987	Nees			
	29.	4,673,510	06/16/1987	Janusch et al.			
CC	30.	4,911,738	03/27/1990	Schneider			

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CC	31	5,156,751	10/20/1992	Miller			
	32	5,240,619	08/31/1993	Copa et al.			
	33	5,372,725	12/13/1994	Halff et al.			
	34	5,380,442	01/10/1995	Yan			
	35	5,425,883	06/20/1995	Reid et al.			
	36	5,462,676	10/31/1995	Pitts			
	37	5,500,120	03/19/1996	Baker			
	38	5,538,636	07/23/1996	Gnann et al.			
	39	5,688,377	11/18/1997	McCutchen			
	40	5,688,399	11/18/1997	Halff et al.			
	41	5,792,351	08/11/1998	Wehrle et al.			
	42	5,888,389	03/30/1999	Griffith et al.			
	43	5,928,522	07/27/1999	Conaway			
	44	5,997,812	12/07/1999	Burnham et al.			
	45	6,051,145	04/18/2000	Griffith et al.			
	46	6,080,309	06/27/2000	Reid et al.			
	47	6,093,328	07/25/2000	Santina			
	48	6,251,290	06/26/2001	Conaway			
CC	49	6,309,338	10/30/2001	Christensen			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CC	50.	18,147	09/12/1907	Great Britain				
CC	51.	269,193	04/07/1927	Great Britain				
CC	52.	189162	04/1964	Sweden				

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	APPLICANT: Paul J. CORNAY et al.	
	FILING DATE November 26, 2003	GROUP 1723

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CC	53.	CARR Separations, Inc.; CARR Powerfuge® Separation System, P6 Brochure; at least 1/14/1997
	54.	CARR Separations, Inc.; CARR Powerfuge® Separation System, P12 Brochure; at least 1/14/1997
	55.	CARR Separations, Inc.; CARR Powerfuge® Separation System, P18 Brochure; at least 1/14/1997
	56.	CARR Separations, Inc.; CARR Powerfuge® Separation System, P24 Brochure; at least 1/14/1997
	57.	CARR Separations, Inc.; CARR Powerfuge® Separation System, Pilot for Hazardous Areas Brochure; at least 1/14/1997
	58.	CARR Separations, Inc.; CARR Powerfuge® Separation System Pilot Dimensions; at least 1/14/1997
	59.	CARR Separations, Inc.; CARR Powerfuge™ Brochure "Breakthrough Centrifuge Technology"; at least 1/14/1997
	60.	CARR Separations, Inc.; Chemical Processing Brochure; January 1998
	61.	CARR Separations, Inc.; Sub-micron Classification and Recovery Brochure; at least 1/14/1997
	62.	Sharples™ Maximizer™ XM; available as early as June 1997
	63.	Alfa-Laval Centrifuges for the Chemical Process Industries
	64.	Alfa-Laval Waste Oil Recovery
	65.	Oiltools Solids Control Equipment
	66.	Alfa-Laval ALFAX Self-Cleaning Centrifuge Separators
	67.	TRW Brandt Decanting Centrifuges
	68.	Alfa-Lava "When to use a disk-stack centrifuge"
	69.	Michem's New RMS™ Model 3SMD Centrifuge
	70.	Alfa-Laval "Slop Oil Treatment Plant for Crude Oil Recovery"
	71.	Geosource Geolograph Pioneer Manual of Centrifuge Operation

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DATE CONSIDERED

22 Apr 2006

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

1228/US/2

APPLN. NO.

10/723,366

APPLICANT:

Cornay et al.

FILING DATE

November 26, 2003

ART UNIT

1723

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CC	1.	5,252,224	10/12/1993	Modell et al.	210	695	
CC	2.	5,470,481	11/28/1995	Modell et al.	210	652	
CC	3.	5,620,606	04/15/1997	McBrayer, Jr. et al.	210	696	
CC	4.	5,651,897	07/29/1997	Lehmann	210	761	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CC	5.	Investor Brochure, Paul J. Cornay, "G-Force corp.", 1988.
EXAMINER	Cooley	DATE CONSIDERED 22 Apr 2006
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

PTO/SB/08a (08-03)  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Substitute for Form 1449A/PTO

APPLICATION NO.:

10/723,366

FILING DATE:

November 26, 2003

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

APPLICANT:

Cornay et al.

ART UNIT:

1723

EXAMINER NAME:

Not Yet Assigned

ATTY. DOCKET NO.:

1228/US/2

(Use as many sheets as necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PATENT NUMBER	ISSUE DATE	Name of Patentee of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
CC	1.	5,045,202	09/1991	Stearns et al.	
CC	2.	5,132,025	07/1992	Hays	
CC	3.	5,944,648	08/1999	Cornay	
CC	4.	6,142,924	11/2000	Cornay	
CC	5.	6,217,502	04/2001	Hallgren et al.	
CC	6.	6,508,752	01/2003	Hallgren et al.	
CC	7.	6,808,481	10/2004	Cornay	

**U.S. PUBLICATION DOCUMENTS**

EXAMINER INITIALS*	Cite No. <sup>1</sup>	PUBLICATION NUMBER	PUBLICATION DATE	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
CC	8.	2005/0054507	03/2005	Cornay et al.	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>2</sup> - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY			
CC	9.	EP0545683	07/1996	Texaco Development Corp.		
CC	10.	EP0928227	01/2003	Ansaldo Volund S.A.		
CC	11.	GB1526129	09/1978	Tokai Electro Chemical Co.		
CC	12.	JP57004299	01/1982	Ebara Infilco Co. Ltd.		
CC	13.	JP58034098	02/1983	Ebara Infilco Co. Ltd.		
CC	14.	JP58095589	06/1983	Ebara Infilco Co. Ltd.		
CC	15.	JP58205591	11/1983	Ebara Infilco Co. Ltd.		
CC	16.	JP62007489	01/1987	Nippon Doraikemikaru KK		
CC	17.	JP03293097	12/1991	Sato Yukimasa		
CC	18.	JP05068980	03/1993	Konica Corp.		

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS <sup>1</sup>	Cite No. <sup>2</sup>	DOCUMENT NUMBER <small>Country Code<sup>3</sup> - Number<sup>4</sup> - Kind Code<sup>5</sup> (if known)</small>	PUBLICATION DATE <small>MM-DD-YYYY</small>	Name of PATENTEE or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
CC	19.	WO99/025497	05/1999	Continuum Environmental, Inc.		
CC	20.	WO01005498	01/2001	Atofina		

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

EXAMINER INITIALS <sup>1</sup>	Cite No. <sup>2</sup>	Include name of Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>3</sup>
CC	21.	Author Unknown, "Jet mixers for agitating large storage tanks," Chem. Eng (Int. Ed.), Vol. 96, No. 1, p. 133, January 16, 1989.	
CC	22.	Butcher, C., "Liquid waste solutions," Chemical Engineer (Rugby-UK), No. 551, pp. s27, October 14, 1993.	
CC	23.	Min et al., "Advanced treatment of piggery wastewater by MAP, precipitation, and ozone oxidation process using pilot plant," Journal of Korea Solid Wastes Engineering Society, Vol. 15, No. 6, pp. 644-652, September 1998.	
CC	24.	Sereno et al., "Dewatered sludge storage emissions control using multistage wet scrubbing," Water Environment Research, Vol. 65, No.1, pp. 66-72, 1993.	
CC	25.	Therault et al., "The effect of chemical, physical and enzymatic treatments on the dewatering of tar sands tailings," Fuel, Vol. 74, No. 9, pp. 1404-1412, September 1995.	

EXAMINER <i>Cooley</i>	DATE CONSIDERED <i>22 Apr 2006</i>
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